# Index for Volume XIX (1948)

Cumulative Author, Subject Matter, and Title

Numbers refer to number of issue first and page number second. For example, 3:222 refers to October, page 222. Number 1 is March; number 2, May; number 3, October; number 4, December. No supplements to Volume XIX were published.


Action Current Study of Contraction-Movement Relationships in Golf Stroke. Arthur T. Slater-Hammel. 3:164.

Active Recreational Interests of Columbia College Alumni. L. Carroll Adams. 1:43.

ADAMS, L. Carroll. Active Recreational Interests of Columbia College Alumni. 1:43.

ALOIA, Alex D., and Laurence E. Morehouse. Change in Certification Requirements of Physical Education Teachers in 13 States Since 1942. 4:276.

ANDERSON, Theresa. The Use of the Motor Quotient in Assigning Relative Grades in Physical Education. 4:258.

**ANTHROPOMETRY**

Physique of Japanese Middle School Boys During the War Years, The. Harumi Matsuyama. 1:30.

Athletic Injuries Among Adolescents: Their Incidence and Type in Various Sports. J. Roswell Gallagher. 3:198.

**ATHLETICS**

Action Current Study of Contraction-Movement Relationships in Golf Stroke. Arthur T. Slater-Hammel. 3:164.

Athletic Injuries Among Adolescents: Their Incidence and Type in Various Sports. J. Roswell Gallagher. 3:198.

Effects of Physiological Age on Motor Achievement, The. John E. Nevers. 2:103.

An Experiment in Teaching Tumbling With and Without Motion Pictures. H. Steven Brown and Lloyd Messersmith. 4:303.

Motor Learning of Feeble-Minded Girls. D. K. Brace. 4:269.

Swimming Achievement Scale Scores for College Men. Jack E. Hewitt. 4:282.

The Use of the Motor Quotient in Assigning Relative Grades in Physical Education. Theresa Anderson. 4:258.

ATWELL, William O., and Edwin R. Albel. Reaction Time of Male High School Students in 14-17 Year Age Groups. 1:22.

BELL, Thomas B. The Validity of Certain Tests of Endurance. 3:229.

BENNETT, Bruce L. Contributions of Dr. Sargent to Physical Education. 2:77.

**BOOK REVIEWS**

4:314.

BROWN, H. Steven, and Lloyd Messersmith. An Experiment in Teaching Tumbling With and Without Motion Pictures. 4.303.

BRACE, D. K. Motor Learning of Feeble-Minded Girls. 4:269.

Change in Certification Requirements of Physical Education Teachers in 13 States Since 1942. Laurence E. Morehouse and Alex D. Aloia. 4:276.

CLARKE, H. Harrison. Objective Strength Tests of Affected Muscle Groups Involved in Orthopedic Disabilities. 2:118.

Contributions of Dr. Sargent to Physical Education. Bruce L. Bennett. 2:77.

DUFFY, William F. A Survey of Boxing Laws in the Forty-Eight States as Applied to High Schools. 1:34.

DUNPHY, E. B., A. E. Sloane, W. V. Emmons, and J. R. Gallagher. The Effect of a Single Group

# Index for Volume XIX (1948)

Cumulative Author, Subject Matter, and Title

Numbers refer to number of issue first and page number second. For example, 3:222 refers to October, page 222. Number 1 is March; number 2, May; number 3, October; number 4, December. No supplements to Volume XIX were published.


Action Current Study of Contraction-Movement Relationships in Golf Stroke. Arthur T. Slater-Hammel. 3:164.

Active Recreational Interests of Columbia College Alumni. L. Carroll Adams. 1:43.

ADAMS, L. Carroll. Active Recreational Interests of Columbia College Alumni. 1:43.

ALOIA, Alex D., and Laurence E. Morehouse. Change in Certification Requirements of Physical Education Teachers in 13 States Since 1942. 4:276.

ANDERSON, Theresa. The Use of the Motor Quotient in Assigning Relative Grades in Physical Education. 4:258.

**ANTHROPOMETRY**

Physique of Japanese Middle School Boys During the War Years, The. Harumi Matsuyama. 1:30.

Athletic Injuries Among Adolescents: Their Incidence and Type in Various Sports. J. Roswell Gallagher. 3:198.

**ATHLETICS**

Action Current Study of Contraction-Movement Relationships in Golf Stroke. Arthur T. Slater-Hammel. 3:164.

Athletic Injuries Among Adolescents: Their Incidence and Type in Various Sports. J. Roswell Gallagher. 3:198.

Effects of Physiological Age on Motor Achievement, The. John E. Nevers. 2:103.

An Experiment in Teaching Tumbling With and Without Motion Pictures. H. Steven Brown and Lloyd Messersmith. 4:303.

Motor Learning of Feeble-Minded Girls. D. K. Brace. 4:269.

Swimming Achievement Scale Scores for College Men. Jack E. Hewitt. 4:282.

The Use of the Motor Quotient in Assigning Relative Grades in Physical Education. Theresa Anderson. 4:258.

ATWELL, William O., and Edwin R. Albel. Reaction Time of Male High School Students in 14-17 Year Age Groups. 1:22.

BELL, Thomas B. The Validity of Certain Tests of Endurance. 3:229.

BENNETT, Bruce L. Contributions of Dr. Sargent to Physical Education. 2:77.

**BOOK REVIEWS**

4:314.

BROWN, H. Steven, and Lloyd Messersmith. An Experiment in Teaching Tumbling With and Without Motion Pictures. 4.303.

BRACE, D. K. Motor Learning of Feeble-Minded Girls. 4:269.

Change in Certification Requirements of Physical Education Teachers in 13 States Since 1942. Laurence E. Morehouse and Alex D. Aloia. 4:276.

CLARKE, H. Harrison. Objective Strength Tests of Affected Muscle Groups Involved in Orthopedic Disabilities. 2:118.

Contributions of Dr. Sargent to Physical Education. Bruce L. Bennett. 2:77.

DUFFY, William F. A Survey of Boxing Laws in the Forty-Eight States as Applied to High Schools. 1:34.

DUNPHY, E. B., A. E. Sloane, W. V. Emmons, and J. R. Gallagher. The Effect of a Single Group

Training Method Upon Myopia and Visual Acuity.
Effect of a Simple Group Training Method Upon Myopia and Visual Acuity, The. A. E. Sloane, E. B. Dunphy, W. V. Emmons, and J. R. Gallagher. 2:111.
Effect of the Regular Use of the Swimming Pool During the Winter Months on the Frequency and Severity of Cold Infections, The. Arthur Humphrey and William Ferinden. 1:40.
Effects of Physiological Age on Motor Achievement, The. John E. Nevers. 2:103.
ELBEL, Edwin R. The Relationship Between Pre-Exercise and Post-Exercise Pulse Rate. 3:222.
ELBEL, Edwin R., and William O. Atwell. Reaction Time of Male High School Students in 14-17 Year Age Groups. 1:22.
EMMONS, W. V., A. E. Sloane, E. B. Dunphy, and J. R. Gallagher. The Effect of a Simple Group Training Method Upon Myopia and Visual Acuity. 2:111.
ESPENSCHADE, Anna. Selection of Women Major Students in Physical Education. 2:70.
Establishment of Principles Which Are Essential for Realization of the Objectives of Physical Education, The. Hartley D. Price. 2:93.
Evaluation of Policies and Standards for Student Health Service Programs, An. Rhea H. Williams, 4:262.
Experiment in Teaching Tumbling With and Without Motion Pictures, An. H. Stevens Brown and Lloyd Messersmith. 4:304.
FERINDEN, William, and Arthur Humphrey. The Effect of the Regular Use of the Swimming Pool During the Winter Months on the Frequency and Severity of Cold Infections. 1:40.
GALLAGHER, J. Roswell. Athletic Injuries Among Adolescents: Their Incidence and Type in Various Sports. 3:198.
GALLAGHER, J. R., A. E. Sloane, E. B. Dunphy, and W. V. Emmons. The Effect of a Simple Group Training Method Upon Myopia and Visual Acuity. 2:111.
Graduate Minor in Physical Education, The. Lloyd M. Jones. 1:18.
HALLADAY, D. W. Marking in College Physical Education Activities. 3:178.

**HEALTH, HEALTH EDUCATION, HYGIENE**

Effect of the Regular Use of the Swimming Pool During the Winter Months on the Frequency and Severity of Cold Infections, The. Arthur Humphrey and William Ferinden. 1:40.
An Evaluation of Policies and Standards for Student Health Service Programs. Rhea H. Williams. 4:262.
HEWITT, Jack E. Swimming Achievement Scale Scores for College Men. 4:282.

**HISTORY**

Contributions of Dr. Sargent to Physical Education. Bruce L. Bennett. 2:77.
HUMPHREY, Arthur, and William Ferinden. The Effect of the Regular Use of the Swimming Pool During the Winter Months on the Frequency and Severity of Cold Infections. 1:40.
JONES, Lloyd M. The Graduate Minor in Physical Education. 1:18.
LARSON, Leonard A. A Note on Scaling Some Measures of Circulation and Respiration. 4:290.
Marking in College Physical Education Activities. D. W. Halladay. 3:178.
MASON, James G. Postwar Interests in Physical Education at the Ohio State University. 3:215.
MATSUYAMA, Harumi. The Physique of Japanese Middle School Boys During the War Years. 1:30.
Measurement of the Strength of Muscle Relative to the Cross Section, The Carrie Belle Morris. 4:295.
MESSERSMITH, Lloyd, and H.

Steven Brown. An Experiment in Teaching Tumbling With and Without Motion Pictures. 4:304.

**MISCELLANEOUS**

Personality and Attitude Differences Associated with the Elective Substitution of ROTC for the Physical Education Requirement in High School. Gaylord A. Nelson. 1:2.

Postwar Interests in Physical Education at the Ohio State University. James G. Mason. 3:215.

Survey of Boxing Laws in the Forty-Eight States As Applied to High Schools, A William F. Duffy. 1:34.

MOREHOUSE, Laurence E., and Alex D. Aloia. Change in Certification Requirements of Physical Education Teachers in 13 States Since 1942. 4:276.

MORRIS, Carrie Belle. The Measurement of the Strength of Muscle Relative to the Cross Section. 4:295.

Motor Learning of Feeble-Minded Girls. D. K. Brace. 4:269.

MUMFORD, Arnett W. The Present Status of Health and Physical Education Programs in Negro Senior Colleges. 3:190.

NELSON, Gaylord A. Personality and Attitude Differences Associated with the Elective Substitution of ROTC for the Physical Education Requirement in High School. 1:2.

NEVERS, John E. The Effects of Physiological Age on Motor Achievement. 2:103.

Note on Scaling Some Measures of Circulation and Respiration, A. Leonard A. Larson. 4:290.

Objective Strength Tests of Affected Muscle Groups Involved in Orthopedic Disabilities. H. Harrison Clarke. 2:118.

Personality and Attitude Differences Associated with the Elective Substitution of ROTC for the Physical Education Requirement in High School. Gaylord A. Nelson. 1:2.

Physical Efficiency Tests for College Women. M. Gladys Scott and Marjorie Wilson. 2:62.

**PHYSIOLOGY**

Effect of a Simple Group Training Method Upon Myopia and Visual Acuity, The. A. E. Sloane, E. B. Dunphy, W. V. Emmons, and J. R. Gallagher. 2:111.

The Measurement of the Strength of Muscle Relative to the Cross Section. 4:295.

A Note on Scaling Some Measures of Circulation and Respiration. Leonard A. Larson. 4:290.

Reaction Time of Male High School Students in 14-17 Year Age Groups. William O. Atwell and Edwin R. Elbel. 1:22.

Relationship Between Pre-Exercise and Post-Exercise Pulse Rate, The. Edwin R. Elbel. 3:222.

Physique of Japanese Middle School Boys During the War Years, The. Harumi Matsuyama. 1:30.

Postwar Interests in Physical Education at the Ohio State University. James G. Mason. 3:215.

Present Status of Health and Physical Education Programs in Negro Senior Colleges, The. Arnett W. Mumford. 3:190.

Present Status of Women's Physical Education in California Junior Colleges. Mildred D. Wollet. 3:185.

PRICE, Hartley D. The Establishment of Principles Which Are Essential for the Realization of the Objectives of Physical Education. 2:93.

**PROFESSIONAL EDUCATION**

Change in Certification Requirements of Physical Education Teachers in 13 States Since 1942. Laurence E. Morehouse and Alex D. Aloia. 4:276.

Selection of Women Major Students in Physical Education. Anna Espenschade. 2:70.

**PROGRAM**

Establishment of Principles Which Are Essential for the Realization of the Objectives of Physical

Education, The. Hartley D. Price. 2:93.
Graduate Minor in Physical Education, The. Lloyd M. Jones. 1:18.
Marking in College Physical Education Activities. D. W. Halladay. 3:178.
Present Status of Health and Physical Education Programs in Negro Senior Colleges, The. Arnett W. Mumford. 3:190.
Present Status of Women's Physical Education in California Junior Colleges. Mildred D. Wollet. 3:185.
Reaction Time of Male High School Students in 14-17 Year Age Groups. William O. Atwell and Edwin R. Elbel. 1:22.

**RECREATION**

Active Recreational Interests of Columbia College Alumni. L. Carroll Adams. 1:43.
Relationship Between Pre-Exercise and Post-Exercise Pulse Rate, The. Edwin R. Elbel. 3:222.

**RESEARCH ABSTRACTS**

1:48, 2:148, 3:243, 4:308.

SCOTT, M. Gladys, and Marjorie Wilson. Physical Efficiency Tests for College Women. 2:62.
Selection of Women Major Students in Physical Education. Anna Espenschade. 2:70.
SLATER-HAMMEL, Arthur T. Action Current Study of Contraction-Movement Relationships in Golf Stroke. 3:164.
SLOANE, A. E., E. B. Dunphy, W. V. Emmons, and J. R. Gallagher. The Effect of a Simple Group Training Method Upon Myopia and Visual Acuity. 2:111.
Survey of Boxing Laws in the Forty-Eight States As Applied to High Schools, A. William F. Duffy. 1:34.
Swimming Achievement Scale Scores for College Men. Jack E. Hewitt. 4:282.

**TESTING**

Objective Strength Tests of Affected Muscle Groups Involved in Orthopedic Disabilities. H. Harrison Clarke. 2:118.
Physical Efficiency Tests for College Women. M. Gladys Scott and Marjorie Wilson. 2:62.
Validity of Certain Tests of Endurance, The. Thomas B. Bell. 3:229.
Use of the Motor Quotient in Assigning Relative Grades in Physical Education, The. Theresa Anderson. 4:258.
Validity of Certain Tests of Endurance, The. Thomas B. Bell. 3:229.
WILLIAMS, Rhea H. An Evaluation of Policies and Standards for Student Health Service Programs. 4:262.
WILSON, Marjorie, and M. Gladys Scott. Physical Efficiency Tests for College Women. 2:62.
WOLLET, Mildred D. Present Status of Women's Physical Education in California Junior Colleges. 3:185.